

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application.

Claims 1-12. (Canceled)

Claim 13. (Currently Amended) A method for identifying a substance that modulates the activity of a protease polypeptide in a cell, comprising the steps of:

- (a) expressing a protease polypeptide in a cell, wherein said polypeptide comprises a sequence substantially identical having at least 95% identity to an the amino acid sequence selected from the group consisting of those set forth in ~~SEQ ID NO:60, SEQ ID NO:61, SEQ ID NO:62, SEQ ID NO:63, SEQ ID NO:64, SEQ ID NO:65, SEQ ID NO:66, SEQ ID NO:67, SEQ ID NO:68, SEQ ID NO:69, SEQ ID NO:70, SEQ ID NO:71, SEQ ID NO:72, SEQ ID NO:73, SEQ ID NO:74, SEQ ID NO:75, SEQ ID NO:76, SEQ ID NO:77, SEQ ID NO:78, SEQ ID NO:79, SEQ ID NO:80, SEQ ID NO:81, SEQ ID NO:82, SEQ ID NO:83, SEQ ID NO:84, SEQ ID NO:85, SEQ ID NO:86, SEQ ID NO:87, SEQ ID NO:88, SEQ ID NO:89, SEQ ID NO:90, SEQ ID NO:91, SEQ ID NO:92, SEQ ID NO:93, SEQ ID NO:94, SEQ ID NO:95, SEQ ID NO:96, SEQ ID NO:97, SEQ ID NO:98, SEQ ID NO:99, SEQ ID NO:100, SEQ ID NO:101, SEQ ID NO:102, SEQ ID NO:103, SEQ ID NO:104, SEQ ID NO:105, SEQ ID NO:106, SEQ ID NO:107, SEQ ID NO:108, SEQ ID NO:109, SEQ ID NO:110, SEQ ID NO:111, SEQ ID NO:112, SEQ ID NO:113, SEQ ID NO:114, SEQ ID NO:115, SEQ ID NO:116, SEQ ID NO:117 and SEQ ID NO:118;~~
- (b) adding a test substance to said cell; and
- (c) monitoring a change in cell the phenotype of said cell, cell the proliferation of said cell, cell the differentiation of said cell, or the interaction between said polypeptide and a natural binding partner; wherein a change in step (c) indicates that said test substance modulates the activity of said protease polypeptide.

Claims 14-30. (Canceled)

Claim 31. (New) The method of claim 13, wherein said test substance is a complex mixture.

Claim 32. (New) The method of claim 31, wherein said complex mixture is a body fluid, serum or cell extract.

Claim 33. (New) The method of claim 31, further comprising step (d): isolating an agonist or antagonist of said polypeptide from said test substance.

Claim 34. (New) The method of claim 13, wherein said test substance comprises an antisense oligonucleotide or a ribozyme.

Claim 35. (New) The method of claim 13, wherein said test substance comprises a small organic molecule.